IN THE CLAIMS:

Please amend claims 1, 4, 6, and 7 as follows:

1. (Twice amended) A device for correcting visual defects of an eye comprising:

a coherent light source,

a beam modification device configured to shape and deflect a beam of the coherent light source for processing an optical element;

a wavefront analyzer device for analyzing a wavefront of an optical path in the eye, and

a topography analyzer unit for analyzing the surface of the eye.

4. (Twice amended) The device as recited in claim 1, wherein the optical element includes at least one of an intraocular lens; an eye lens; the cornea of the eye; a contact lens; an implantable contact lens (ICL), and a spectacle lens.

6. (Twice amended) The device as recited in claim 3, wherein the control unit is designed in such a manner that the analysis of the optical path in the eye and/or the analysis of the surface of the eye can be carried out virtually simultaneously with a processing of the optical element via the beam of the coherent light source.

7. (Twice amended) A method for correcting visual defects of an eye comprising:

determining an optical path of the eye via a wavefront analysis;

analyzing a topography of the eye; and

calculating an ideal optical system which would result in a correction of the visual defects of the eye.

Please add new claims 21-24 as follows:

21. (New) A device for correcting visual defects of an eye comprising:

a light source,

a beam modification device configured to shape and deflect a beam of the light source for processing at least one of an intraocular lens and an implantable contact lens; and

a wavefront analyzer device for analyzing a wavefront of an optical path in the eye.

22. (New) The device as recited in claim 21, further comprising a topography analyzer unit for analyzing the surface of the eye.

23. (New) A method for correcting visual defects of an eye comprising:

determining an optical path of the eye via a wavefront analysis;

calculating an ideal optical system which would result in a correction of the visual defects of the eye; and

processing at least one of an intraocular lens and an implantable contact lens so as to correct the visual defect.

24. (New) The method as recited in claim 23, further comprising analyzing a topography of the eye.

Please cancel claims 2 and 8.

REMARKS

Claims 1-5 and 7-20 were provisionally rejected under 35 U.S.C. § 101 for double patenting. In addition, claim 6 was rejected under 35 U.S.C. § 112, second paragraph, as being indefinite. Finally, claims 1, 3, and 6 were rejected under 35 U.S.C. § 102(e) as being anticipated.

Applicants have amended claims 1, 4, 6, and 7. Claim 1 has been amended to correctly claim a device instead of a method, to more clearly recite that the beam modification device is configured to shape and deflect the beam for processing an optical element, and to include the feature of a topography analyzer unit from claim 2. Claim 4 and 6 have been amended to provide consistency with antecedent usage of terms and to more clearly define the invention without narrowing its scope. Claim 7 has been amended to include the step of analyzing a topography of the eye from claim 8. Applicants have cancelled claims 2 and 8.